



*JPW*

PATENT  
Customer No. 22,852  
Attorney Docket No. 06502.0569

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
Kevin FAULKNER et al.	)	Group Art Unit: Not Yet Assigned
Application No.: 10/787,322	)	Examiner: Not Yet Assigned
Filed: February 27, 2004	)	
For: SYSTEMS AND METHODS	)	
FOR DYNAMICALLY	)	
UPDATING A VIRTUAL	)	
VOLUME IN A STORAGE	)	
VIRTUALIZATION	)	
ENVIRONMENT	)	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application.

Copies of the listed documents, including any copending patent applications, are attached.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

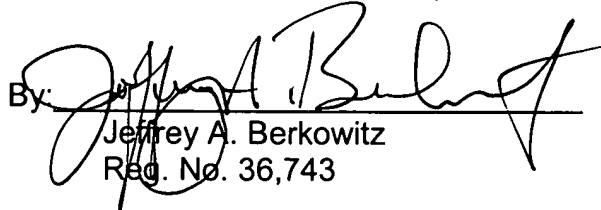
Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: May 27, 2004

By:   
Jeffrey A. Berkowitz  
Reg. No. 36,743

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	06502.0569	Appln. No.	10/787,322
Applicant	Kevin FAULKNER et al.		
Filing Date	February 27, 2004	Group:	Not yet assigned

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	5,533,190	07/02/1996	Binford et al.			
	5,535,381	07/09/1996	Kopper			
	5,588,110	12/24/1996	DeKoning et al.			
	5,634,033	05/27/1997	Stewart et al.			
	5,671,365	09/23/1997	Binford et al.			
	5,742,752	04/21/1998	DeKoning			
	5,761,705	06/02/1998	DeKoning et al.			
	5,778,426	07/07/1998	DeKoning et al.			
	5,787,242	07/28/1998	DeKoning et al.			
	5,790,773	08/04/1998	DeKoning et al.			
	5,860,091	01/12/1999	DeKoning et al.			
	5,875,343	02/23/1999	Binford et al.			
	5,883,909	03/16/1999	DeKoning et al.			
	5,917,723	06/29/1999	Binford			
	5,933,824	08/03/1999	DeKoning et al.			
	5,941,994	08/24/1999	DeKoning et al.			
	5,974,502	10/26/1999	DeKoning et al.			
	5,975,738	11/02/1999	DeKoning et al.			
	6,009,275	12/28/1999	DeKoning et al.			
	6,055,228	04/25/2000	DeKoning et al.			
	6,067,635	05/23/2000	DeKoning et al.			

Examiner	Date Considered
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	06502.0569	Appln. No.	10/787,322
Applicant	Kevin FAULKNER et al.		
Filing Date	February 27, 2004	Group:	Not yet assigned

## U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
		6,073,218	06/06/2000	DeKoning et al.			
		6,085,333	07/04/2000	DeKoning et al.			
		6,108,684	08/22/2000	DeKoning et al.			
		6,148,368	11/14/2000	DeKoning			
		6,173,374 B1	01/09/2001	Heil et al.			
		6,178,520 B1	01/23/2001	DeKoning et al.			
		6,216,199 B1	04/10/2001	DeKoning et al.			
		2001/0002480 A1	05/31/2001	DeKoning et al.			
		6,275,898 B1	08/14/2001	DeKoning			
		6,304,942 B1	10/16/2001	DeKoning			
		6,334,195 B1	12/25/2001	DeKoning et al.			
		6,356,969 B1	03/12/2002	DeKoning et al.			
		6,366,965 B1	04/02/2002	Binford et al.			
		6,381,674 B2	04/30/2002	DeKoning et al.			
		6,384,842 B1	05/07/2002	DeKoning et al.			
		6,385,683 B1	05/07/2002	DeKoning et al.			
		2002/0073175 A1	06/13/2002	DeKoning et al.			
		6,412,045 B1	06/25/2002	DeKoning et al.			
		6,457,098 B1	09/24/2002	DeKoning et al.			
		6,467,023 B1	10/15/2002	DeKoning et al.			
		6,480,901 B1	11/12/2002	Weber et al.			

Examiner	Date Considered
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	06502.0569	Appln. No.	10/787,322
Applicant	Kevin FAULKNER et al.		
Filing Date	February 27, 2004	Group:	Not yet assigned

## U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
		6,480,955 B1	11/12/2002	DeKoning et al.			
		6,480,970 B1	11/12/2002	DeKoning et al.			
		2002/0184360 A1	12/05/2002	Weber et al.			
		6,529,989 B1	03/04/2003	Bashford et al.			
		6,553,511 B1	04/22/2003	DeKoning et al.			
		6,567,889 B1	05/20/2003	DeKoning et al.			
		2003/0097611 A1	05/22/2003	Delaney et al.			
		6,584,499 B1	06/24/2003	Jantz et al.			
		6,591,337 B1	07/08/2003	DeKoning et al.			
		6,594,744 B1	07/15/2003	Humlicek et al.			

## FOREIGN PATENT DOCUMENTS

		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
		WO 02/37300 A1	05/10/2002	PCT			
		WO 02/069166 A1	09/06/2002	PCT			
		WO 83/01334	04/14/1983	PCT			

Examiner	Date Considered
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce